

DISCONNECT

35 or 32mm DIN Rail

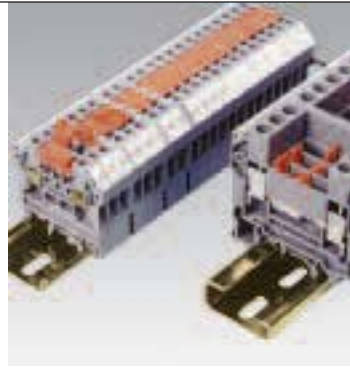
Disconnect and test terminals are an ideal choice for measuring control and regulatory circuits. The terminals provide a clear functional advantage for devices having utility instruments and associated transformers.


Five versions of disconnect and test terminals are available:



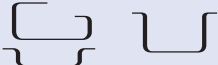
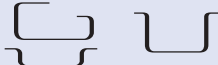



- CDTTU - disconnection is achieved by means of a slide link operated with a screw driver.
- CDTTU-SH - disconnect and test terminals are ideal for use in current transformer applications when it is mandatory to keep the secondary side shorted at any point while taking current measurements.
- CKT4U - disconnection is achieved by lifting the knife contact lever.
- CSDL4U - hinged disconnection and testing terminal, incorporates a connecting link in place of the fuse link.
- CSDL6U - hinged disconnect block for 8 AWG size wires.
- DDDL4U - double level disconnect terminal with hinged disconnect in upper level.












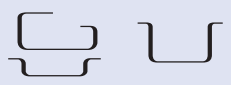
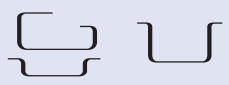
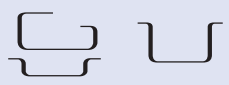
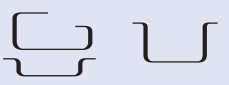
Specially designed socket head screws act as test/monitoring points in both CDTTU, CDTTU-SH and CKT4U.

Important: The disconnecting device is not suitable for interrupting load. The supply must be switched off before operating the slide link/lever.



Terminal Width	8 mm			16 mm		
Height x Length	57 x 63 mm			57 x 63 mm		
Stripping Length	12 mm			12 mm		
Insulation Material	Polyamide 6.6			Polyamide 6.6		
Type of Connection	2 screw clamps			4 screw clamps		
Approvals	  			 		
Wire Range	16-8 AWG	1.5-6 sq.mm	16-8 AWG	16-8 AWG	1.5-6 sq.mm	16-8 AWG
Voltage Rating	600 V	750 V	600 V	300 V	300 V	600 V
Current Rating	41 A	41 A	41 A	10 A	10 A	10 A
Torque	14 lb-in	1.2 Nm	14 lb-in	14 lb-in	1.6 Nm	14 lb-in

		Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Terminal Block		CDTTU	50	CDTTU-SH	50
End Plate		EPCDTTU	50	EPCDTTU	50
Isolation Partition					
DIN Rail for ordering information refer to page 62					
End Stop for ordering information refer to page 63		CA702 CA802	50 50	CA702 CA802	50 50
External Jumper for internal jumpers refer to page 60		2 pole 3 pole 4 pole 10 pole	CA710/2 CA710/3 CA710/4 CA710/10	100 100 100 25	CA710/2 CA710/3 CA710/4 CA710/10
Marking Tags (MT Type) (MT Type on Lever)		MT8	100	MT8	100

CKT4U			CSDL4U			CSDL6U			DDDL4U	
										
CE			CE			CE			CE	
6 mm			8 mm			8 mm			8 mm	
46 x 46.3 mm			43 x 58 mm			60 x 43 mm			66 x 88 mm	
9 mm			9.5 mm			9.5 mm			9.5 mm	
Polyamide 6.6			Polyamide 6.6			Polyamide 6.6			Polyamide 6.6	
2 screw clamps			2 screw clamps			2 screw clamps			4 screw clamps	
  			 							
22-10 AWG	0.5-4 sq.mm	22-10 AWG	22-10 AWG	0.5-4 sq.mm	22-10 AWG	22-8 AWG	1.5-6 sq.mm	22-8 AWG	22-10 AWG	22-10 AWG
600 V	750 V	600 V	600 V	750 V	600 V	300 V	500 V	300 V	600 V	300 V
16 A	16 A	16 A	14 A	6.3 A	14 A	10 A	6.3 A	10 A	14 A	14 / 35 A
7 lb-in	0.5 Nm	7 lb-in	7 lb-in	0.5 Nm	7 lb-in	14 lb-in	0.8 Nm	14 lb-in	7 lb-in	7 lb-in
Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	
CKT4U	50	CSDL4U	100	CSDL6U	50	DDDL4U	20			
EPCKT4U	50	EPCSFL4U	50	EPCSFL6U	50	EPDDL4U	25			
		PPCSFL4U	50							
										
CA702	50	CA702	50	CA702	50	CA702	50			
CA802	50	CA802	50	CA802	50	CA802	50			
CA713/2	100	CA711/2	100	CA710/2	100	CA711/2	100			
CA713/3	100	CA711/3	100	CA710/3	50	CA711/3	100			
CA713/4	50	CA711/4	50	CA710/4	50	CA711/4	50			
CA713/10	25	CA711/10	25	CA710/10	25	CA711/10	25			
MT6	100	MT8	100	MT8	100	MT8	100			
		MT2	100			MT2	100			

FUSE BLOCKS

Certain electrical and control systems require protection by fuses. CSFL4U and CSFL6U have a specially designed space for cartridge type glass fuse and accept Ø5 x 20 or Ø5 x 25 mm fuses. CAFL4U accepts Ø1/4 x 1-1/4 in. fuses. The fuse can be engaged or disengaged by the movement of the carrier.

Altech fuse terminals are also available with light indication - CSFL4U(L). A specially designed built-in circuit gives light indication in the event of fuse blow out. Thus, fault in a circuit can be easily located.

However, an application of such terminals must take into consideration residual current flow.

DDFL4U - Double Level Fuse Terminal with fuse link on the top level has a separate feed through terminal at the lower level. This eliminates use of an additional feed through terminal.

In DDFL4U(E), specially designed built in circuit gives light indication in the event of a fuse blow out at the top level. The terminal provides separate feed through connection possibility at the lower level.

DDFL4U(LR): This is a modified version of DDFL4U(E) terminal where in two equipotential connection points are available on both ends of the terminal.

CAFL4U(L) is equipped with a LED for blown fuse indication. CAFL4U(N) is equipped with a neon bulb for same application.

CB1038 accepts Ø10 x 38mm fuse.

Fuses are sold separately by Altech, see page 34 for details.




















	CSFL4U			CSFL4U(L)*		
Terminal Width	8 mm			8 mm		
Height x Length	43 x 58 mm			43 x 58 mm		
Stripping Length	9.5 mm			9.5 mm		
Insulation Material	Polyamide 6.6			Polyamide 6.6		
Type of Connection	2 screw clamps			2 screw clamps		
Fusion Voltage				24V AC/DC, 48V AC/DC, 110V AC/DC, 220V AC		
Type of Fuse Used	Ø5x20, Ø5x25 mm			Ø5x20, Ø5x25 mm		
Approvals						
Wire Range	22-10 AWG	0.5-4 sq.mm	22-10 AWG	22-10 AWG	0.5-4 sq.mm	22-10 AWG
Voltage Rating	600 V	750 V	600 V	600 V	750 V	600 V
Current Rating	6.3 A	6.3 A	8 A	6.3 A	6.3 A	8 A
Torque	7 lb-in	0.5 Nm	7 lb-in	7 lb-in	0.5 Nm	7 lb-in
	Cat. No.	Std. Pk.		Cat. No.	Std. Pk.	
Terminal Block	CSFL4U	100		CSFL4U(L)*	50	
End Plate 	EPCSFL4U	50		EPCSFL4U	50	
Isolation Partition 	PPCSFL4U	50		PPCSFL4U	50	
DIN Rail <i>for ordering information refer to page 62</i>						
End Stop <i>for ordering information refer to page 63</i> 	CA702	50		CA702	50	
	CA802	50		CA802	50	
External Jumper 2 pole 3 pole 4 pole 10 pole 	CA711/2	100		CA711/2	100	
	CA711/3	100		CA711/3	100	
	CA711/4	50		CA711/4	50	
	CA711/10	25		CA711/10	25	
Marking Tags (MT Type)  (MT Type on Lever)	MT8	100		MT8	100	
	MT2	100		MT2	100	

* Add required voltage to part number as a suffix. i.e. CSFL4U(L)/24 for 24V AC/DC.

CAFL4U			CAFL4U(L)*			CAFL4U(N)			CSFL6U		
											
9 mm			9 mm			9 mm			8 mm		
50 x 72 mm			50 x 70 mm			50 x 70 mm			60 x 43 mm		
12 mm			12 mm			12 mm			12 mm		
Polyamide 6.6			Polyamide 6.6			Polyamide 6.6			Polyamide 6.6		
2 screw clamps			2 screw clamps			2 screw clamps			2 screw clamps		
Ø1/4x1 in., Ø1/4x1 1/4 in.			Ø1/4x1 in., Ø1/4x1 1/4 in.			Ø1/4x1 in., Ø1/4x1 1/4 in.			Ø5x20, Ø5x25 mm		
											
22-10 AWG	0.5-4 sq.mm	22-10 AWG	22-10 AWG	0.5-4 sq.mm	22-10 AWG	22-10 AWG	0.5-4 sq.mm	22-10 AWG	22-8 AWG	1.5-6 sq.mm	22-8 AWG
600 V	600 V	600 V	600 V	600 V	600 V	600 V	600 V	600 V	300 V	500 V	300 V
16 A	6.3 A	12 A	16 A	6.3 A	12 A	16 A	6.3 A	12 A	10 A	6.3 A	10 A
7 lb-in	0.5 Nm	7 lb-in	7 lb-in	0.5 Nm	7 lb-in	7 lb-in	0.5 Nm	7 lb-in	14 lb-in	0.8 Nm	14 lb-in
Cat. No.	Std. Pk.		Cat. No.	Std. Pk.		Cat. No.	Std. Pk.		Cat. No.	Std. Pk.	
CAFL4U	25		CAFL4U(L)*	25		CAFL4U(N)	25		CSFL6U	50	
EPCAFL4U	50		EPCAFL4U	50		EPCAFL4U	50		EPCSFL6U	50	
											
CA702	50		CA702	50		CA702	50		CA702	50	
CA802	50		CA802	50		CA802	50		CA802	50	
CA716/2	50		CA716/2	50		CA716/2	50		CA710/2	100	
CA716/3	50		CA716/3	50		CA716/3	50		CA710/3	100	
CA716/4	50		CA716/4	50		CA716/4	50		CA710/4	100	
CA716/10	25		CA716/10	25		CA716/10	25		CA710/10	25	
MT9	100		MT9	100		MT9	100		MT8	100	

* Add required voltage to part number as a suffix. i.e. CAFL4U(L)/24 for 24V AC/DC.

	CB1038	DDFL4U	DDFL4U(E)*
			
Terminal Width	17.5 mm	8 mm	8 mm
Height x Length	77 x 63.5 mm	66 x 88 mm	66 x 88 mm
Stripping Length	11 mm	9.5 mm	9.5 mm
Insulation Material	Aculon®	Polyamide 6.6	Polyamide 6.6
Type of Connection	2 screw clamps	4 screw clamps	4 screw clamps
Fusion Voltage			24V AC/DC, 48V AC/DC, 110V AC/DC, 220V AC
Type of Fuse Used	Ø10 x 38 mm	Ø5x20, Ø5x25 mm	Ø5x20, Ø5x25 mm
Approvals			
Wire Range	24-4 AWG 1.5-25sq.mm 24-4 AWG	22-10 AWG 0.5-4 sq.mm 22-10 AWG	22-10 AWG 0.5-4 sq.mm 22-10 AWG
Voltage Rating	600 V 400 V** 600 V	600 V 600 V 600 V	600 V 600 V 600 V
Current Rating Top Level Bottom Level	30A 32A** 30A	6.3 A 35 A 6.3 A 32 A 8 A 35 A	6.3 A 35 A 6.3 A 32 A 8 A 35 A
Torque	31 lb-in 2-2.5 Nm 31 lb-in	7 lb-in 0.5 Nm 7 lb-in	7 lb-in 0.5 Nm 7 lb-in
	Cat. No. Std. Pk.	Cat. No. Std. Pk.	Cat. No. Std. Pk.
Terminal Block	CB1038-1 1 <i>available up to 4 pole</i>	DDFL4U 20	DDFL4U(E)* 20
End Plate 		EPDDL4U 25	EPDDL4U 25
DIN Rail <i>for ordering information refer to page 62</i>			
End Stop <i>for ordering information refer to page 63</i>	 CA702 50 CA802 50	CA702 50 CA802 50	CA702 50 CA802 50
Internal Jumper 2 pole 3 pole 4 pole 10 pole 		CA729/2 100 CA729/3 50 CA729/4 50 CA729/10 10	CA729/2 100 CA729/3 50 CA729/4 50 CA729/10 10
Insulated Internal Jumper 2 pole 3 pole 4 pole 10 pole 		CA749/2 100 CA749/3 50 CA749/4 50 CA749/10 10	CA749/2 100 CA749/3 50 CA749/4 50 CA749/10 10
Current Bar 2 pole 3 pole 4 pole 10 pole 		CA703/6 100 CA704/6 100 CA705/6 100 CA737/10 100	CA703/6 100 CA704/6 100 CA705/6 100 CA737/10 100
Shorting Sleeve & Screw 		CA707/S/Q/3 100	CA707/S/Q/3 100
External Jumper 2 pole 3 pole 4 pole 10 pole 		CA711/2 100 CA711/3 100 CA711/4 50 CA711/10 25	CA711/2 100 CA711/3 100 CA711/4 50 CA711/10 25
Marking Tags (MT Type) (MT Type on Lever) 		MT8 100 MT2 100	MT8 100 MT2 100

*Add required voltage to part number as a suffix. i.e. DDFL4U(E)/24 for 24V AC/DC. ** 25A @ 500 V, 10A @ 690V, 16A @ 500V for fast blow.